

January 4, 1999



GTE Service Corporation

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**RECEIVED**

**JAN - 4 1999**

**FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY**

Ms. Magalie R. Salas  
Secretary  
Federal Communications Commission  
TW-A325  
445 Twelfth Street, S.W.  
Washington, DC 20554

**RE: GTE Update and Revision to Universal Service Data Request - CC Dockets 96-45  
and 97-160**

Dear Ms. Salas,

GTE Service Corporation, on behalf of its domestic affiliated telephone operating companies, submit the accompanying information in response to the Commission's Order, *In the Matter of Federal State Joint Board on Universal Service*, DA 97-1433, released July 9, 1997 ("Order"). Pursuant to the Order, GTE and other local exchange carriers are directed to submit certain information to enable the Commission to evaluate forward-looking cost models for purposes of determining universal service support to rural, insular, and high cost areas.

This filing provides information for Illinois, Indiana, Florida and Pennsylvania as a result of revised loop length studies for these state in response to items 5(c) and (d). Consequently, data previously submitted in response to items 2 (loop length studies) and 7 (subscriber utilization studies), are revised to reflect the new updated studies.

This filing represents the "Public" version of GTE's response. Pursuant to the Order, and Section 0.459 of the Commission's Rules, C.F.R. §0.459, GTE is submitting a separate "Confidential" version requesting the information contained therein not be made routinely available for public inspection.

Responses are provided in both paper and prescribed electronic formats; however, data submitted in response to those questions appearing on Attachment 1 of the required spreadsheets are provided in electronic format only (files included on the enclosed diskettes are "zipped" files).

Please call me at (202) 463-5293 if there are any questions concerning this filing.

Sincerely,

W. Scott Randolph  
Director - Regulatory Matters

Attachment

c: Ms. Sheryl Todd, Universal Service Branch  
ITS

Approved by OMB  
3060-0781  
Expires 12/31/97  
Burden hour per respondent: 488 average

Federal - State Joint Board on Universal Service  
Data Request

Holding company Study area Contact Person:	Florida GTFL FL	Illinois COIL IL, W4	Illinois GTIL IL	Illinois (GSI) GLIL I7	Indiana COIN I6	Indiana GTIN IN	Indiana (CSI) GLIN I8	Pennsylvania GTPA PA	Pennsylvania COPA P3	PA (Q. State) COQS QS
1. Loops: iii. multi-line business (no.) (For Wire Center Data, Fill Out Attachment 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)
a. Switched Working Loops										
i. Residential (no.)	1519541	143151	474986	32707	136054	508353	8190	361169	77573	21201
ii. Single line business (no.)	252509	22185	83942	5135	22647	79918	1121	55828	11465	3154
iii. Multi-line business (no.)	303563	15274	66243	2926	12367	106055	473	61474	12582	1944
b. Non-Switched Working Loops (no.)	58166	6908	23954	592	5980	24983	98	26177	2849	711
c. Non-Working Loops (no.)	Not Avail.	Not Avail.	Not Avail.	Not Avail.	Not Avail.	Not Avail.	Not Avail.	Not Avail.	Not Avail.	Not Avail.
d. Non-Revenue Loops (no.)	58572	4726	21601	1450	4522	30004	307	12067	2480	532
2. Loop Length Studies:										
Study Included? (Y/N)	(See support 2)	(See support 2)	(See support 2)	(See support 2)	(See support 2)	(See support 2)	(See support 2)	(See support 2)	(See support 2)	(See support 2)
Sample Size (no.)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Was Stratified Sample based on density cells, study area, or wire centers? (D, S, W)	State level	State level	State level	State level	State level	State level	State level	State level	State level	State level
Non-working loops included? (Y/N)	(See Support 2)	(See Support 2)	(See Support 2)	(See Support 2)	(See Support 2)	(See Support 2)	(See Support 2)	(See Support 2)	(See Support 2)	(See Support 2)
Glossary Included? (Y/N)	No	No	No	No	No	No	No	No	No	No
Loop lengths (list lengths below)										
a. 0-12,000	7669 (see IL-GT)		5,365 (see IL-GT)	(see IN-GT)		6,288 (see IN-GT)		5,554 (see PA-GT)	(see PA-GT)	
b. 12,001-18,000	14857 (see IL-GT)		14,759 (see IL-GT)	(see IN-GT)		14,717 (see IN-GT)		15,005 (see PA-GT)	(see PA-GT)	
c. 18,001-24,000	20661 (see IL-GT)		20,857 (see IL-GT)	(see IN-GT)		20,702 (see IN-GT)		20,914 (see PA-GT)	(see PA-GT)	
d. 24,001-30,000	26664 (see IL-GT)		26,693 (see IL-GT)	(see IN-GT)		26,774 (see IN-GT)		26,856 (see PA-GT)	(see PA-GT)	
e. > 30,000	40611 (see IL-GT)		42,102 (see IL-GT)	(see IN-GT)		41,789 (see IN-GT)		42,674 (see PA-GT)	(see PA-GT)	
a. 0-12,000	See Above	See Above	See Above	See Above	See Above	See Above	See Above	See Above	See Above	See Above
b. > 12,000	See Above	See Above	See Above	See Above	See Above	See Above	See Above	See Above	See Above	See Above
3. Subscriber Line Usage:										
Study Included? (Y/N)	No (see support 3)	No (see support 3)	No (see support 3)	No (see support 3)	No (see support 3)	No (see support 3)	No (see support 3)	No (see support 3)	No (see support 3)	Not Available
Date(s) of Study	Jun-97	Jun-97	Jun-97	Jun-97	Jun-97	Jun-97	Jun-97	Jun-97	Jun-97	Not Available
Sample Size (no. of lines)	1,857,617	(see IL-GT)	578,258	(see IL-GT)	(see IN-GT)	666,164	(see IN-GT)	492,786	(see PA-GT)	Not Available
Wire centers included (no.)	82	(see IL-GT)	109	(see IL-GT)	(see IN-GT)	61	(see IN-GT)	45	(see PA-GT)	Not Available
Minutes of Use (no.)	2,853,266	162,813	516,754	28,315	191,028	921,431	11,237	601,078	97,850	Not Available
a. Residence	1,369,568	118,854	377,231	21,807	139,451	672,645	8,204	420,755	68,495	Not Available
b. Business	1,483,698	43,959	139,523	6,508	51,577	248,786	3,033	180,323	29,355	Not Available
Glossary Included? (Y/N)										
4. Residential Basic Service:										
Free Calls (no.)	(See support 4)	No Allowance	No Allowance	No Allowance	No Allowance	No Allowance	No Allowance	No Allowance	No Allowance	No Allowance
Free Minutes (no.)	(See support 4)	No Allowance	No Allowance	No Allowance	No Allowance	No Allowance	No Allowance	No Allowance	No Allowance	No Allowance
5. Cable Investment/Loop Length:										
(For Wire Center Data Fill Out Attachment 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)	(see Attach. 1)
a. Gross investment in distribution plant										
i. Percent Buried Cable (%)	66.15%	86.93%	75.08%	82.73%	67.64%	60.53%	87.80%	35.05%	27.31%	21.39%
ii. Percent Underground Cable (%)	21.99%	4.30%	6.61%	4.88%	5.27%	16.34%	2.99%	18.68%	4.69%	1.67%

iii. Percent Aerial Cable (%)	11.86%	8.76%	18.31%	12.39%	27.09%	23.12%	9.22%	46.20%	68.23%	77.28%
b. Gross investment in feeder plant	See a	See a	See a	See a	See a	See a	See a	See a	See a	See a
i. Percent Buried Cable (%)	See a	See a	See a	See a	See a	See a	See a	See a	See a	See a
ii. Percent Underground Cable (%)	See a	See a	See a	See a	See a	See a	See a	See a	See a	See a
iii. Percent Aerial Cable (%)	See a	See a	See a	See a	See a	See a	See a	See a	See a	See a
c. Distribution loop length										
i. Percent Buried Cable (%)	74.45% (see IL-GT)		75.23% (see IL-GT)		(see IN-GT)		77.24% (see IN-GT)		49.35% (see PA-GT)	(see PA-GT)
ii. Percent Underground Cable (%)	0.67% (see IL-GT)		0.42% (see IL-GT)		(see IN-GT)		0.68% (see IN-GT)		1.42% (see PA-GT)	(see PA-GT)
iii. Percent Aerial Cable (%)	24.88% (see IL-GT)		24.35% (see IL-GT)		(see IN-GT)		22.08% (see IN-GT)		49.24% (see PA-GT)	(see PA-GT)
d. Feeder loop length										
i. Percent Buried Cable (%)	57.68% (see IL-GT)		82.16% (see IL-GT)		(see IN-GT)		67.17% (see IN-GT)		24.84% (see PA-GT)	(see PA-GT)
ii. Percent Underground Cable (%)	27.17% (see IL-GT)		2.01% (see IL-GT)		(see IN-GT)		5.50% (see IN-GT)		6.98% (see PA-GT)	(see PA-GT)
iii. Percent Aerial Cable (%)	15.15% (see IL-GT)		15.83% (see IL-GT)		(see IN-GT)		27.34% (see IN-GT)		68.18% (see PA-GT)	(see PA-GT)
6. Installation Cost Data for Cable Facilities:										
Has data been provided? (Y/N)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Not Available
Dates of data to commission(s)	9/10/96	9/10/96	9/10/96	9/10/96	9/10/96	9/10/96	9/10/96	9/9/96	9/9/96	Not Available
To what commission was data submitted?	Florida Public Service Commission	Illinois Commerce Commission	Illinois Commerce Commission	Illinois Commerce Commission	Indiana Utility Regulatory Commission	Indiana Utility Regulatory Commission	Indiana Utility Regulatory Commission	Pennsylvania Public Utility Commission	Pennsylvania Public Utility Commission	Not Available
Commission dockets/case number	960847-TP	96-AB-005	96-AB-005	96-AB-005	40571-INT-02	40571-INT-02	40571-INT-02	A-31025F002	A-31025F002	Not Available
Glossary Included? (Y/N)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Y(see support 6)	Not Available
7. Subscriber Cable Utilization:										
(For Wire Center Data, Fill Out Attachment 1)	(See Attach 1)	(See Attach. 1)	(See Attach. 1)	(See Attach. 1)	(See Attach 1)	(See Attach 1)	(See Attach 1)	(See Attach 1)	(See Attach. 1)	(See Attach 1)
Study Included? (Y/N)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	(see PA-GT)	(see PA-GT)
Feeder (%)	60.5% (see IL-GT)		61.20% (see IL-GT)		(see IN-GT)		59.90% (see IN-GT)		68.20% (see PA-GT)	(see PA-GT)
Distribution (%)	39.1% (see IL-GT)		43.90% (see IL-GT)		(see IN-GT)		43.60% (see IN-GT)		52.90% (see PA-GT)	(see PA-GT)
Glossary Included? (Y/N)	No	No	No	No	No	No	No	No	(see PA-GT)	(see PA-GT)
8. Structures Sharing Percentage:		(See support 8)	(See support 8)	(See support 8)	(See support 8)	(See support 8)	(See support 8)	(See support 8)	(See support 8)	(See support 8)
a. Poles (%)										
GTE Jointly Owned Poles	Not Available	11.15%	11.15%	11.15%	0.00%	0.00%	0.00%	2.21%	2.21%	2.21%
GTE Owned poles w/Foreign attach	Not Available	15.07%	15.07%	15.07%	9.74%	9.74%	9.74%	41.01%	41.01%	41.01%
GTE Owned & solely occupied poles	Not Available	51.88%	51.88%	51.88%	25.53%	25.53%	25.53%	9.85%	9.85%	9.85%
Non-GTE poles w GTE attachment	Not Available	21.91%	21.91%	21.91%	64.73%	64.73%	64.73%	46.94%	46.94%	46.94%
i. interoffice	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ii. subscriber	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
b. Conduits (%)										
GTE Owned Duct feet	Not Available	100%	100%	100%	0%	0%	0%	100%	100%	100%
GTE Owned Duct feet occupied by others	Not Available	0%	0%	0%	0%	0%	0%	0%	0%	0%
i. interoffice	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ii. subscriber	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
c. Trenches (%)										
i. interoffice	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ii. subscriber	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
9. Residential Multi-line Customers:										
Total residential customers (no.)	1,468,687	143,164	472,807	32,732	136,503	504007	8223	379684	41819.526	34354.474
Multi-line residential customers (no.)	96,115	2,552	10,020	485	2,041	14212	163	9866	2676	0
Percent multi-line (%)	7%	2%	2%	1%	1%	0.028198021	0.019822449	0.025984766	0.063989248	0
For multi-line residential customers, channels served by basic rate ISDN (no.)	3,093	9	62	-	-	36.00	0.00	108.00	7.00	0.00
(For Wire Center Data, Fill Out Attachment 1)										
10. Poles:	\$440.04	\$404.33	\$404.33	\$404.33	\$405.26	\$405.26	\$405.26	\$383.67	\$383.67	\$383.67
Cost of 40' class 4 pole in 1996 (\$)	\$134.00	\$134.00	\$134.00	\$134.00	\$134.00	\$134.00	\$134.00	\$134.00	\$134.00	\$134.00
Cost of Installation in 1996 (\$)	\$306.04	\$270.33	\$270.33	\$270.33	\$271.26	\$271.26	\$271.26	\$249.67	\$249.67	\$249.67

11. Digital Switching -- DCPR:  
Format specified in data request

12. Digital Switching -- Cost and Lines Served  
Provide material cost, installed cost, and lines served  
for each digital switch purchased in 1995/1996

(For Individual Switch Data, Fill Out Attachment 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2)

13. Switching Manufacturer Contracts

(For Contract Data, Fill Out Attachment 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2)

a. Copy of contract provided? (Y/N) Y-(Support 13) Y-(Support 13) Y-(Support 13) Y-(Support 13) Y-(Support 13) Y-(Support 13) Y-(Support 13) Y-(Support 13) Y-(Support 13) Y-(Support 13) Y-(Support 13)

b. Define following terms, if necessary, on a separate sheet:

new switch	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
growth to new switch	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
growth to embedded switch	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
remote switch	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
remote switching module	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

c. Price includes removal of old switch? (Y/N) No No No No No No No No No No No No

d. Time period of contract (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2)

e. How many lines committed to install? (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2)

14. Digital Line Carrier Devices:

(For DLC Data, Fill Out Attachment 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2)

a. Material and installed cost of each device

i. Common Equipment (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2)

ii. Per-line Equipment (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2)

b. No. of lines served at end of 12 months of service (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2) (see Attach. 2)

15. Drop Lines for Residential Customers:

a. No. of copper pairs per dwelling unit. (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15)

Single family (no.)

Multi-family (no.)

b. No. of fiber DS-Q trans. channels (no.) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15)

c. If a different no. of pairs when using aerial vs. buried, provide the number of aerial and buried pairs. (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15) (See support 15)

16. Maintenance Expenses for switching, circuit,  
and cable and wire facilities:

a. Most recent estimates incorp. into study

filed with a state or federal commission provided Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16)

Florida Public  
Service  
Commission

Illinois Commerce  
Commission

Illinois Commerce  
Commission

Illinois Commerce  
Commission

Indiana Utility  
Regulatory  
Commission

Indiana Utility  
Regulatory  
Commission

Indiana Utility  
Regulatory  
Commission

Pennsylvania  
Public Utility  
Commission

Pennsylvania  
Public Utility  
Commission

Pennsylvania  
Public Utility  
Commission

i. Name of Commission

ii. Date of study 9/10/96 9/10/96 9/10/96 9/10/96 9/10/96 9/10/96 9/10/96 9/9/96 9/9/96 9/9/96

iii. Associated docket/case number

960847-TP

96-AB-005

96-AB-005

96-AB-005

40571-INT-02

40571-INT-02

40571-INT-02

A-31025F002

A-31025F002

A-31025F002

b. Is a copy of calculations provided? (Y/N) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16) Y- (Support 16)

c. Is explanation of difference between fiber  
and copper provided? (Y/N)

d. Is explanation of differences in maintenance expenses among  
aerial, underground, and buried cable provided? (Y/N)

17. Riser Cable:

a. Do you currently install riser cable in multi-unit

residential housing or commercial buildings? (Y/ (Support 17) (Support 17) (Support 17) (Support 17) (Support 17) (Support 17) (Support 17) (Support 17) (Support 17) (Support 17)

b. Is an explanation of under what conditions installed  
riser cable is part of regulated total

[illegible]